

Abstract

A stereomicroscope with a binocular tube (1); with a microscope body (4); with a microscope holder (14) that is connected to a focus-adjusting mechanism (9), the focus-adjusting mechanism (9) in turn being fastened to a stand (13); with a carrier (12) bearing the microscope body (4) and being displaceable obliquely relative to the displacement direction of the focus-adjusting mechanism (9); with a binocular beam splitter (2a) used to combine the two stereoscopic observation beam paths (3a, 3b) into a common beam path (3c), wherein the axes of the two observation beam paths (3a, 3b) entering into the binocular beam splitter (2a) and the axis of the beam path (3c) emerging from the binocular beam splitter (2a) are parallel to each other, and the axis of the emerging beam path (3c) is disposed at distance (Vs) from the symmetry axis of the two entering observation beam paths (3a, 3b) it being possible to compensate for said displacement (Vs) by the displacement range of the carrier; (12) with a switching device (5) held on a holder (14) and provided with mounts for at least one stereo lens (6) and at least one compound lens (7), wherein by actuating the switching device (5) the lenses (6, 7) can selectively be brought over an object (8) and both the stereo lens (6) and the compound lens (7) can be placed over the object (8) parfocally and parcentrally; and with a gear (10) which, depending on the position of the switching device (5), automatically brings about the displacement of the carrier (12) wherein the binocular beam splitter (2a) is disposed between the carrier (12) and the compound lens (7).